List of Claims

1-19. (cancelled)

- 20. (currently amended) A spring biased mechanism comprising:
 - a moveable element;
- a biasing spring operably coupled to bias said element toward a predetermined position with a spring preload force;
- a spring preload force adjuster including a piezoelectric device operably coupled to said spring; and said spring preload force being at least partially a function of a voltage applied to said piezoelectric device.

 but said piezoelectric device being inoperable to move said moveable element.
- 21. (original) The mechanism of claim 20 including an electrical actuator operably coupled to said moveable element in opposition to said biasing spring.

22. (currently amended) The mechanism of claim 21
wherein A spring biased mechanism comprising:
a moveable element;
a biasing spring operably coupled to bias said
element toward a predetermined position with a spring preload
force;
a spring preload force adjuster including a
piezoelectric device operably coupled to said spring;

said spring preload force being at least partially a function of a voltage applied to said piezoelectric device;

an electrical actuator operably coupled to said moveable element in opposition to said biasing spring; and said electrical actuator includes a solenoid with an armature coupled to move with said moveable element.

- 23. (original) The mechanism of claim 22 wherein said moveable element includes a valve member in contact with a valve seat at said predetermined position.
- 24. (original) A method of adjusting a spring biased mechanism, comprising the steps of:

biasing a moveable element toward a predetermined position at least in part with a spring having a spring preload force; and

adjusting the spring preload force at least in part by adjusting a voltage applied to a piezoelectric device operably coupled to the spring.

- 25. (original) The method of claim 24 wherein said moveable element includes a valve member in contact with a valve seat at said predetermined position.
- 26. (original) The method of claim 24 including a step of moving said moveable element away from said predetermined position at least in part by energizing an electrical actuator operably coupled to said moveable element.
 - 27. (currently amended) A system comprising:

a plurality of spring biased mechanisms, each having a biasing spring operably coupled to bias a moveable element toward a predetermined position with a spring preload force;

each of said mechanisms including a spring preload force adjuster that includes a piezoelectric device operably coupled to said spring; and

said spring preload force being at least partially a function of a voltage applied to said piezoelectric device, but said piezoelectric device being inoperable to move said moveable element.

- 28. (original) The system of claim 27 including a common electrical circuit electrically connected to each said piezoelectric device.
- 29. (original) The system of claim 28 wherein each of said spring biased mechanisms includes an electrical actuator operably coupled to said moveable element in opposition to said biasing spring.
- wherein A system comprising:

 a plurality of spring biased mechanisms, each
 having a biasing spring operably coupled to bias a moveable
 element toward a predetermined position with a spring preload
 force;

 each of said mechanisms including a spring preload
 force adjuster that includes a piezoelectric device operably
 coupled to said spring;

said spring preload force being at least partially
a function of a voltage applied to said piezoelectric device;
a common electrical circuit electrically connected
to each said piezoelectric device;
each of said spring biased mechanisms includes an
electrical actuator operably coupled to said moveable element
in opposition to said biasing spring; and

each said electrical actuator includes a solenoid with an armature coupled to move with said moveable element.

- 31. (original) The system of claim 30 wherein each said moveable element includes a valve member in contact with a valve seat at said predetermined position.
- 32. (new) The mechanism of claim 21 wherein said piezoelectric device, said spring and said electrical actuator are arranged in series.
- 33. (new) The mechanism of claim 32 wherein said piezoelectric device, said spring and said electrical actuator are aligned.